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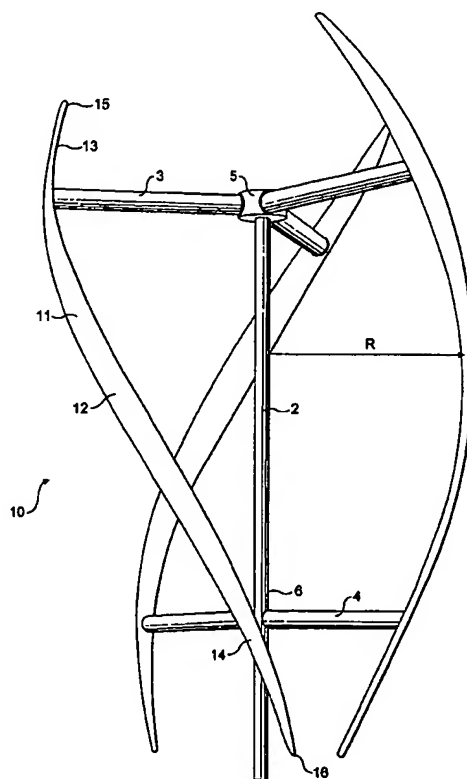
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(54) Title: VERTICAL-AXIS WIND TURBINE



(57) Abstract: A vertical-axis wind turbine comprising a shaft rotatable about a longitudinal axis and a plurality of substantially rigid blades mechanically coupled to the shaft, each of the plurality of blades comprising an elongate body having an upper end and a lower end, wherein the upper end and the lower end of each blade are rotationally off-set from each other about the longitudinal axis such that each blade has a helix-like form, the section of the elongate body of each blade, taken perpendicularly to the longitudinal axis, being shaped as an aerofoil having a leading edge and a trailing edge and a camber line defined between the leading edge and the trailing edge, characterised in that the aerofoil is arcuately shaped such that the camber line lies along a line of constant curvature having a finite radius of curvature, R'.

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